

What is claimed is:

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1. An information processing method for use with
an SDL execution unit described in a specification and
description language (SDL), an external environment
5 description unit described in a programming language
other than the SDL, and an adapter having a pseudo
internal signal generator and a queue manager, the method
comprising the steps of:

10 connecting the SDL execution unit and the
external environment description unit to each other
through the adapter so that signals containing at least
one of messages, events, and parameters may be exchanged
between the SDL execution unit and the external
environment description unit through the adapter;

15 assigning a task of an operation system to
the external environment description unit; and

20 executing the task so that the pseudo
internal signal generator may convert and transfer the
signals between the SDL execution unit and the external
environment description unit.

2. The method of claim 1, wherein the step of
executing the task includes the steps of:

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25 receiving information to be transferred to
the SDL execution unit from the external environment
description unit, the information being received as
function parameters for the pseudo internal signal
generator;

30 converting the information by the pseudo
internal signal generator into signals to be transferred
to the SDL execution unit;

transferring the converted signals to the
queue manager;

monitoring an internal queue of the queue
manager; and

35 activating, if the internal queue is
holding the converted signals, the SDL execution unit by
a function call so that the activated SDL execution unit

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